

Table S1. Chemosensory proteins in the different samples and average TPM values.

Gene family	Transcriptome	TPM	Antennae	Palps	Male Heads	Female
OBP	77	>3	38 (2918.38)	39 (1085.10)	34 (93.90)	36 (43.64)
		>1	40 (2772.56)	43 (984.36)	39 (82.07)	40 (39.46)
		>0	70 (1584.41)	60 (705.56)	60 (53.43)	66 (23.99)
OR	82	>3	48 (38.28)	9 (84.00)	7 (37.04)	7 (49.08)
		>1	64 (29.28)	12 (63.37)	10 (26.33)	10 (34.96)
		>0	81 (23.19)	51 (15.12)	70 (3.93)	65 (5.55)
IR	60	>3	26 (16.99)	6 (21.65)	4 (22.88)	8 (8.61)
		>1	32 (14.18)	11 (12.63)	11 (9.45)	11 (6.88)
		>0	56 (8.16)	40 (3.65)	52 (2.20)	52 (1.60)
GR	30	>3	3 (50.36)	6 (162.86)	2 (41.70)	3 (23.60)
		>1	12 (13.82)	8 (122.62)	4 (21.63)	8 (10.19)
		>0	27 (6.35)	17 (57.85)	27 (3.40)	30 (2.93)

Table S1. Chemosensory proteins in the different samples and average TPM values.

Number of chemosensory genes (OBP, OR, IR and GR) in the four transcriptomes found at different abundance thresholds (TPM>0, TPM>1 and TPM>3). In brackets, average TPM corresponding to each sub-group are indicated.